

**TOWN OF WATERTOWN  
WATERTOWN, CONNECTICUT**

**NOTICE OF BID**

**Quassapaug Road Roadway Reconstruction  
Watertown Public Works Department**

Sealed bids are invited and will be received by the Purchasing Agent of the Town of Watertown at the office of the Purchasing Agent, Town Hall Annex, 424 Main Street, Watertown, Connecticut, until **11:00 a.m., Tuesday, September 27, 2016** at which time and place they will be publicly opened and read aloud for furnishing aggregate material crushing services to the Town of Watertown.

The Information for Bidders, Form of Bid, Specifications, and other contract documents may be obtained or examined at the office of the Purchasing Agent, Town Hall Annex, 424 Main Street, Watertown, Connecticut 06795 or by accessing the Town of Watertown's website at <http://www.watertownct.org>. Proposals must be submitted on the forms provided and in a sealed envelope plainly marked "**Bid – Quassapaug Road**".

To receive consideration bids must be in the hands of the Purchasing Agent or his authorized representative no later than the day and hour mentioned above.

The Purchasing Agent reserves the right to accept or reject any or all bids; to waive any informality; or to accept any bid deemed in the best interests of the Town of Watertown.

The Town of Watertown reserves the right to take into account the residency of bidders within the Town of Watertown and/or the location of the bidder's business within the Town of Watertown in awarding this bid.

All bids will be considered valid for a period of sixty (60) days.

Jason Warner  
Purchasing Agent  
Town of Watertown

## **INFORMATION FOR BIDDERS**

### **TOWN OF WATERTOWN WATERTOWN, CONNECTICUT 06795**

#### **Quassapaug Road Roadway Reconstruction Watertown Public Works Department**

**BID OPENING: 11:00 a.m., Tuesday, September 27, 2016**

#### **PROPOSALS RECEIVED**

All bids must be in a sealed envelope and received prior to **11:00 a.m., Tuesday, September 27, 2016** at the office of the Purchasing Agent, 424 Main Street, Watertown, Connecticut 06795.

#### **PREPARATION OF PROPOSALS**

Proposals must be made upon forms contained herein. The blank spaces in the Proposal must be filled in correctly where indicated. The Bidder must state the prices for which he proposes to do each item of the work contemplated. In case of discrepancy where both words and the numerals are requested, the words shall govern. Ditto marks are not considered writing or printing and shall not be used. The Bidder shall sign his Proposal correctly. If the Proposal is made by an individual, his name, post office address and telephone number must be shown. If made by a firm, partnership, or corporation, the Proposal must be signed by an official of the firm, partnership, or corporation authorized to sign contracts, and must show the post office address and telephone number of the firm, partnership, or corporation. Failure to do so may disqualify the bid.

Each bid must be submitted in a sealed envelope bearing on the outside the name of the Bidder, post office address, and name of the project for which the bid is submitted. If forwarded by mail, the sealed envelope containing the bid must be enclosed in another envelope addressed to: The Purchasing Agent, Town Hall Annex, 424 Main Street, Watertown, CT 06795.

All information shall be entered in ink or by typewriter. Mistakes may be crossed out and corrections inserted before submission of your bid. The person signing the bid shall initial corrections in ink.

Corrections and/or modifications received after the closing time specified will not be accepted.

#### **SUBMISSION OF PROPOSALS**

All proposals and literature shall be submitted **IN DUPLICATE** on the proposal form, which is a part of these specifications.

Descriptive literature containing complete specifications must accompany each bid. If a bidder wishes to furnish additional information, more sheets may be added.

Adobe Acrobat® Reader is required to view electronic documents on-line. If you do not have Adobe Acrobat® Reader, you may download it for free from Adobe at <http://www.adobe.com/products/acrobat/readstep.html>.

Response summaries will be available online at <http://www.watertownct.org> on the day of the bid opening.

Responses delivered via fax are received subject to the following qualifications and limitations:

- The Town is not responsible for the confidentiality of the information transmitted.
- The Town cannot guarantee that its fax equipment will be operational and able to receive transmittals by a particular time and date. It is the Bidder's responsibility to ensure that quotations are received in their entirety and on time at the required location. It is recommended that vendors be advised to call immediately after transmitting a document electronically to confirm complete and accurate receipt by the Town. The Town assumes no liability in the event that a bidder's electronic transmission is not received by the Town in a timely fashion, or is not received either in its entirety or error-free.
- Bids transmitted electronically which have a bond requirement are subject to the same submittal requirements as those responses delivered via traditional means, such as mail or hand delivery, or as otherwise stipulated by appropriate authority.

## **INCURRING COSTS**

The Town of Watertown is not liable for any cost incurred for the preparation of proposals or submission of samples by the firms submitting proposals for the work requested in this bid document or request for proposals.

## **FAMILIARITY WITH THE WORK**

Each bidder is considered to have examined the work to fully acquaint himself with the exact existing conditions relating to the work and has fully informed himself as to the work involved and the difficulties and restrictions attending the performance of this bid. Failure to do so will not relieve a bidder of his obligation to furnish all materials, labor and equipment necessary to carry out the work for the consideration set forth in this bid. The submission of a bid will be considered as conclusive evidence that the bidder has made such examination.

Where exploration or inspection data is shown on the Plans and/or specifications or made available to the Bidder, it is understood that such data where obtained in the usual manner and with reasonable care and are to be interpreted and used as the Bidder sees fit. There is no expressed or implied agreement that the data has been correctly indicated, and the Bidder is cautioned to take into account that conditions affecting the work may differ from those indicated.

The Owner assumes no responsibility whatsoever with respect to ascertaining for the Contractor such facts concerning physical characteristics relating to this project. The Bidder agrees that he shall make no claim for and has no right to additional payment or extension of time for completion of the work, or any other concession, because of any interpretations or misunderstanding on his part of this

bid, or because of any failure on his part to fully acquaint himself with all conditions relating to the work. Permission for making borings, test pits, destructive tests or other investigations of subsurface conditions will be arranged for by the bidder upon receipt of a written approval by the Town.

### **CONSIDERATION OF PRIOR SERVICE**

Previous performance, quality of service and merchandise will be considered.

### **ADDENDA AND INTERPRETATIONS & ALTERNATE PROPOSALS**

Addenda information will be available online at <http://www.watertownct.org>. Adobe Acrobat® Reader may be required to view this document. It is strongly suggested that Bidders check for any addenda a minimum of forty eight hours in advance of the bid deadline.

At the time of the opening of bids each Bidder will be presumed to have inspected the work and to have read and to be thoroughly familiar with all of the Contract Documents (including all addenda). The failure or omission of any Bidder to receive or examine any form, instruction or document shall in no way relieve any bidder from any obligation in respect to his bid.

If any person contemplating submitting a proposal is in doubt as to the true meaning of any part of these specifications, he may submit a written request for an interpretation to the Purchasing Agent. No interpretations as to the meaning of the plans, specifications or other Contract Documents will be made to any Bidder orally.

Every request for such interpretation should be emailed to the Town of Watertown's, Purchasing Agent at [warner@watertownct.org](mailto:warner@watertownct.org). To be given consideration, it must be received at least five (5) days prior to the date fixed for the opening of Bids. Any and all such interpretations and any supplementary instructions will be in the form of written Addenda to the Specifications which, if issued, will be posted to the Town's website no later than three (3) days prior to the date fixed for the opening of bids. Failure of any Bidder to receive any such Addendum or interpretations shall not relieve any Bidder from any obligations under his bid as submitted. All Addenda so issued shall become part of the Contract Documents. Oral explanations will not be binding on the Town.

The specifications listed are to be interpreted as meaning the minimum acceptable by the Town of Watertown. Bidders are requested to submit quotations on the basis of these specifications. Alternative bids providing a broader scope and/or services than requested in these specifications may receive consideration providing such equipment and/or service is clearly explained. Any exceptions to the specifications requested herein must be clearly noted in writing and are to be included as a part of the bid proposal. If none are included it will be assumed that there are none.

Definition of the word "complete" means that each unit of the equipment proposed shall include all appurtenances, fasteners, parts, accessories, and services ordinarily catalogued.

An item equal to that named or described in the specifications may be furnished by the Bidder, except where expressly noted as "no substitutions." The naming of any commercial name, trademark,

or other identification shall not be construed to exclude any item of any manufacturer not mentioned by name, nor limit competition, but shall establish a standard of equality only. An item shall be considered equal to the item so named or described if:

- It is at least equal in quality, durability, appearance, strength and design.
- It will perform at least equally the function imposed by the design for the work being contracted for or the material being purchased.
- It conforms substantially, even with deviations, to the detailed requirements for the item in the specifications.

The Bidder shall hold the Town of Watertown, its officers, agents, servants, and employees, harmless from liability of any nature or kind because of use of any copyrighted or uncopyrighted compositions, secret process, patented or unpatented inventions, articles or appliances furnished or used under this bid, and agrees to defend, at his own expense, any and all actions brought against the Town of Watertown or himself because of the unauthorized use of such articles.

### **QUOTATION LIMITATION**

Bidders shall offer only **ONE ITEM AND PRICE** for each line item bid. If an “or equal” item is to be bid, the bidder is to select the brand and model that meets or exceeds the specified item, and submit his bid for that item.

### **ESTIMATE OF WORK**

For bidding purposes, the work has been subdivided into unit price items. The quantities shown are to be considered as approximate only. The Purchasing Agent does not expressly or by implication agree that the actual quantity will correspond therewith, but reserves the right to increase or decrease the amount of any item or portion of the work as deemed necessary.

### **WITHDRAWAL OF BID**

Bidders may withdraw their proposals at any time prior to the bid date. No agent/broker shall withdraw or cancel their proposal for a period of sixty (60) days after the bid closing date of **11:00 a.m., Tuesday, September 27, 2016**. The successful agent/broker shall not withdraw, cancel or modify their proposal.

### **POWER OF ATTORNEY**

Attorneys-in-fact who sign contract bonds must file, with each bond, a certified and effectively dated copy of their power of attorney.

### **SUBCONTRACTORS**

- Each bidder contemplating the use of any subcontractor shall submit a list of subcontractors as listed on the Bid Form.
- The apparent low bidder shall file with the Town of Watertown, within five (5) days after the date of bid opening, a complete list of the names and addresses of competent, responsible and qualified subcontractors who are actually to perform major portions of the work. This in no way restricts or limits the requirement that all subcontractors must

be approved by the Town.

- Subcontractors listed on the Bid Form or those previously approved may not be changed without the approval of the Town of Watertown.

Local subcontractors, material suppliers, and labor in the Town of Watertown should be considered and sought insofar, as is practical in the performance of this project.

### **QUALIFICATION OF BIDDER**

In determining the qualifications of a bidder, the Town may consider his record in the performance of any contracts for similar work into which he may have previously entered; and the Town expressly reserves the right to reject the bid of such bidder if such record discloses that such bidder, in the opinion of the Town, has not properly performed such contracts or has habitually, and without just cause, neglected the payment of bills or has otherwise disregarded his obligations to subcontractors, suppliers, state or local codes, men or employees of subcontractors.

The Town may make such investigation as he deems necessary to determine the ability of the bidder to perform the work and the bidder shall furnish to the Town all such information and data for this purpose as the Town may request. The Town reserves the right to reject any bid if the evidence submitted by or the investigation of such bidder fails to satisfy the Town that such bidder is properly qualified, or that such bidder misrepresented material facts in the bid documents.

### **DISQUALIFICATION OF BIDDERS**

More than one proposal from an individual, firm, partnership, corporation, or an association under the same or different names will not be considered. Reasonable grounds for believing that any Bidder is interested in more than one proposal for the work contemplated will cause the rejection of all proposals in which such Bidder is interested. Any or all proposals in which such Bidder is interested will be rejected if there is reason for believing that collusion exists among the Bidders and all participants in such collusion will not be considered in future proposals for the same work. Proposals in which the prices are obviously unbalanced may be rejected. No Contract will be awarded except to competent Bidders capable of performing the class of work contemplated.

### **DELIVERY**

Inasmuch as this work concerns a needed public improvement, the provisions of this bid relating to the time of delivery, performance and completion of the work are of the essence of this bid. Accordingly, the successful bidder shall commence work **upon receipt of the signed Purchase Order** unless the Town shall authorize or direct a further delay.

Time of delivery shall be stated as the number of calendar days following receipt of the Purchase Order by the Bidder to receipt of the goods or services by the Town of Watertown.

Prices quoted must include delivery to the Town of Watertown as specified on the Purchase Order. No charges will be allowed for parking, crating, freight, express or cartage unless specifically stated

and included in this bid.

Time of delivery may be considered in the award.

## **PAYMENT**

The Town, after inspection and acceptance of workmanship, and in consideration of the faithful performance by the Bidder of all and singular his covenants, promises, and agreements contained herein, agrees to pay the Bidder for the full completion by him of the work embraced in this Contract, within (30) Thirty Days of the receipt of the final invoice. When subcontractors or suppliers are utilized, the successful Bidder for this project shall be required to submit a Mechanics Lien Waiver, acceptable to the Town, with each progress payment and/or at time of final payment prior to any payment being made.

Time, in connection with any discount offered, will be computed from the date of delivery to the Town or from the date a correct invoice is received by the Town's Finance Department, if the latter date is later than the date of delivery.

Prices will be considered as **NET**, if no cash or payment discount is shown.

The successful bidder shall submit invoices to the following address:

Town of Watertown  
Public Works/Engineering Department  
61 Echo Lake Road  
Watertown, CT 06795

**IT IS UNDERSTOOD AND AGREED THAT SHOULD A BID BE ACCEPTED, IT WILL AUTOMATICALLY BECOME THE CONTRACT OR AN ADDENDUM TO ANY CONTRACT AGREED UPON.**

Notification of the bid award will be made by issuance of a purchase order. Bidders are to list their bids on the appropriate attached sheets. Bidders may attach a letter of explanation. A clear notification should be made on the standard bid sheets at the appropriate point of explanation that there is a letter of explanation attached. All bids must be NET prices.

The successful bidder shall submit an itemized invoice to the Town of Watertown for the work as described herein.

The bidder shall be required to submit a Mechanics Lien Waiver, acceptable to the Town of Watertown, with each progress payment and at time of final payment prior to any payment being made.

At the time of award the successful bidder shall be required to supply the Town of Watertown a Certificate of Good Standing, certifying that the corporation is in fact a valid corporation and

presently licensed to conduct business in the State of Connecticut.

### **SALES TAX**

Certain materials and supplies incorporated in the work of this project are exempt from Connecticut Sales Tax. The Bidder shall familiarize himself with current regulations of the State Tax Department. The tax on materials or supplies exempted by such regulations shall not be included as part of the bid. The Town will furnish the successful Bidder sales tax exemption authorization.

### **CARE AND PROTECTION OF PROPERTY**

The Bidder shall take particular care to avoid damages to all private and public property and to private or public improvements within the Town's right of way. He shall make good any damages to the satisfaction of the Town. There shall be no additional compensation for the repair or restoration of private or public property improvements.

### **COMPLIANCE WITH FEDERAL, STATE AND LOCAL CODES**

The Bidder shall be responsible for full compliance with any Federal, State and/or Local codes, laws, regulations and standards, as applicable.

### **AWARD**

The Town of Watertown reserves the right to accept or reject any bid to best serve its interests, or to hold the bids for sixty (60) days before decision.

The Town reserves the right to reject any and all bids (or any part thereof), to waive defects in proposals, or to accept any proposal deemed to be in its best interest.

**Exceptions will be considered to the specification provided, providing they are listed and fully explained on a separate page entitled "EXCEPTIONS TO SPECIFICATIONS"**

Each exception will be considered as to its degree of impact and total effect on the bid. The purchaser shall determine which (if any taken) exceptions are acceptable, and this determination shall be final.

The Town of Watertown reserves the right:

- To award bids received on the basis of individual items, or groups of items, or on the entire list of items.
- To reject any or all bids, or any part thereof.
- To waive any informality in the bids.
- The Town of Watertown reserves the right to take into account the residency of bidders within the Town of Watertown and/or the location of the bidders business within the Town of Watertown in awarding this bid.
- To accept the bid that is in the best interest of the Town of Watertown. The Purchasing Agent's decision shall be final.



## **INSURANCE**

### **A. General:**

The Bidder shall be responsible for maintaining insurance coverage in force for the life of the contract of the kinds and adequate amounts to secure all of the Bidder's obligations under the contract with an insurance company with an AM Best Rating of A - VII or better licensed to write such insurance in Connecticut and acceptable to the Town of Watertown.

The insurer shall provide the Town of Watertown with Certificates of Insurance signed by an authorized representative of the insurance company(ies) prior to the performance of this contract describing the coverage and providing that the insurer shall give the Town of Watertown written notice at least thirty (30) days in advance of any termination, expiration, or any and all change in coverage.

Such insurance or renewals or replacements thereof shall remain in force during the Bidder's responsibility under this agreement.

The Bidder at his own cost and expense shall procure and maintain all insurance required and shall name the Town of Watertown, its employees, departments, boards, committees and commissions, as an additional insured on all contracts except Worker's Compensation and Professional Errors & Omissions coverage.

In order to facilitate this requirement for insurance, it is recommended that the bidder forward a copy of this exhibit to the bidder's insurance representative(s).

### **B. Specific Requirements:**

#### **(1) Workers' Compensation Insurance**

The Bidder shall provide Workers' Compensation Insurance required by law and the Employer's Liability Insurance for at least the amounts of liability for Bodily Injury by accident of \$100,000 each accident; Bodily Injury by Disease each employee of \$100,000; Bodily Injury by Disease, policy limit of \$500,000.

#### **(2) Commercial General Liability Insurance**

The Bidder shall carry Commercial General Liability policy (Insurance Services Office Incorporated Form CG-0001 or equivalent). A per occurrence limit of \$1,000,000 is required. The Aggregate Limit will be not less than \$1,000,000.

#### **(3) Business Automobile Liability Insurance**

The Bidder shall carry Business Automobile Liability Insurance. (Insurance Services Office Incorporated Form CA-00001 or equivalent). A per occurrence limit of \$1,000,000 is required. "Any Auto" (symbol 1 or equivalent) is required.

### **C. Hold Harmless & Subcontractor's Requirements:**

The Bidder shall require the same insurance that it is required to carry by the Town of Watertown to

be carried by any subcontractors and independent contractors hired by the Bidder and to obtain Certificates of Insurance before subcontractors and independent contractors are permitted to begin work.

The Bidder shall require that the Town of Watertown, its employees, departments, boards, committees and commissions, be named as Additional Insured on all subcontractor's and independent contractor's policies before they are permitted to begin work.

The Bidder and all subcontractors and independent contractors and their insurers shall waive all rights of subrogation against the Town of Watertown, and its officers, agents, servants and employees for losses arising from the work performed by each on this contract.

The Bidder assumes and agrees to hold harmless, indemnify, protect and defend the Town of Watertown against any and all liability for injuries and damages to Bidder and to Bidder's employees, agents, subcontractors and guests, third parties or otherwise incident to or resulting from any and all operations performed by a contractor under any terms of this contract.

**D. Other Data:**

NOTE 1: If Bidder is only a vender shipping goods via Common Carrier only, General Liability is required.

NOTE 2: If Bidder is a Professional, Errors & Omission coverage will be required.

NOTE 3: The Town reserves the right to amend amounts of coverage required and the types of coverage provided based on work or service to be performed.

**PERMITS**

When required all licenses and permits for complying with any applicable Federal, State, and Municipal laws, codes, regulations in connection with the prosecution of the work shall be obtained by the Bidder, at no additional cost to the Town.

**NONDISCRIMINATION IN EMPLOYMENT**

The successful bidder shall agree and warrant that, in the performance of this contract, he will not discriminate or permit discrimination against any person or group of persons on the grounds of race, color, sex, religion, or national origin in any manner prohibited by State, Federal, County, or Municipal law. A certification of Nonsegregated Facilities and a Certification Regarding Equal Employment Opportunity shall be considered a part of this contract.

**MECHANICS LIEN WAIVERS**

The successful Bidder shall be required to submit a Mechanics Lien Waiver, acceptable to the Town of Watertown, with each progress payment, and/or at time of final payment, prior to any payment made.

For further technical or administrative information contact Jason Warner, Purchasing Agent at (860) 945-5260 or via email at [warner@watertownct.org](mailto:warner@watertownct.org).

**TOWN OF WATERTOWN  
WATERTOWN, CONNECTICUT**

**TECHNICAL SPECIFICATIONS**

**Quassapaug Road Roadway Reconstruction  
Watertown Public Works Department**

Bidders shall:

- Provide a list of equipment available for the project
- Provide a list of references for work performed over the last five years in the State of Connecticut
- Provide Copies of OSHA 10 Training Certificates for all employees and subcontractors working on project

Project Description

This project consists of the reclamation of 1,500 square yards of existing bituminous concrete pavement, 350 tons of bituminous concrete, and incidental related work on Quassapaug Road in the vicinity of Edward Avenue (Woodbury) in Watertown, Connecticut.

**TECHNICAL SPECIFICATIONS**

This project consists of pavement reclamation and restoration on Quassapaug Road in Watertown, Connecticut in accordance with the project specifications. Uniformed Town Police Officers are required for all work within the roadway. All work is to be performed in accordance with the State of Connecticut Department of Transportation “Standard Specifications for Roads, Bridges and Incidental Construction, Form 817”, as supplemented and as amended below.

**Trafficmen:**

Uniformed Police Officers will be required for all work performed in the roadway and shall be provided in accordance with the State of Connecticut Department of Transportation “Standard Specifications for Roads, Bridges and Incidental Construction”, Form 817, as amended. Upon approval by the Engineer, the contractor is to arrange for the Police Officers. The Town will be responsible for payment of the Officers, except contractor is responsible for charges incurred due to failure to cancel officers within required time frame.

## **RECLAIMING OF BITUMINOUS PAVEMENT – (0 TO 12 INCHES) SPECIFICATIONS**

### **Description:**

This work shall consist of the preparation of an asphalt stabilized base course composed of a mixture of existing hot mix asphalt and existing base material. It shall be performed in accordance with these specifications and conformity with the existing line, grade and cross section as directed by the Town on site. In general, the work shall consist of reclaiming up to approximately sixteen (16) inches of existing bituminous concrete and base material, grading and compacting the reclaimed material to approximately the existing line and grade in preparation to placing new bituminous concrete. The exact depth of reclamation will depend upon site conditions and will be determined in field by Town.

Unless otherwise specified, surplus reclaimed material shall remain the property of the town and shall be deposited at a location within the town. The disposal locations, if required, shall be the materials stockpile area located at the Hamilton Avenue Solid Waste Disposal Facility located on Old Baird Road in Watertown, Connecticut.

### **Reclamation/Grinding Equipment:**

The equipment for pulverizing and reclaiming the pavement surface shall be designed and built for pulverizing flexible pavements and shall have a minimum 6 foot cutting width. It shall be self-propelled with sufficient power, traction and stability to maintain depth and slope and shall be capable of pulverizing and mixing the existing bituminous concrete pavement and base gravel to existing line, grade and typical cross-section on existing site.

The pulverizing reclamation machine shall be equipped with a built in automatic grade control system that can control the longitudinal profile and the transverse cross-slope to produce the specified results. The longitudinal controls shall be capable of operating from any longitudinal grade reference, including string line, ski (30 feet minimum), mobile string line (30 foot minimum), or matching shoe. The transverse controls shall have an automatic system for controlling cross-slope at a given rate.

The machine shall be capable of operating at a minimum speed of 10 feet per minute and be able to provide a 0 to 8 inch deep cut (minimum) in one pass. It shall be designed so that the operator can at all times observe the reclamation/grinding operation without leaving the control area of the machine.

The machine shall also be equipped with a means of effectively limiting the amount of dust escaping from the reclamation operation in accordance with local, State and Federal air pollution control laws and regulations.

When reclaiming smaller areas or areas where it is impractical to use the above described equipment, the use of a smaller or lesser-equipped reclamation machine may be permitted when approved by the Town.

The Contractor shall provide spray assembly to control dust, a pick-up broom, a dual gutter broom, and a dirt hopper a sweeper equipped with a water tank. The sweeper shall be capable of removing debris from the entrance road, Northfield Road and parking lot areas affected by the construction. Other sweeping equipment may be provided in lieu of the sweeper when approved by the Town.

**Construction Methods:**

The pavement surface shall be reclaimed to the line, grade, and typical cross-section shown on the attached detail (approximately 4"). After the material is reclaimed, it shall be graded and compacted at the line and grade specified. The reclaiming material shall be compacted with an approved roller to uniform density of not less than 95% of the maximum density in accordance with ASTM 1556 Method D.

The ground/reclaimed surface shall provide a satisfactory riding surface with a uniform textured appearance. The ground/reclaimed surface shall be free from gouges, excessive longitudinal grooves and ridges, oil film and other imperfections that are a result of defective equipment, improper use of equipment, or poor workman ship. Any unsatisfactory surfaces produced are the responsibility of the Contractor and shall be corrected at the Contractor's expense.

To prevent the infiltration of ground material into the storm sewer system the contractor shall take specific care to prevent the pulverized material from falling into the inlet opening or inlet grates. Any ground material that has fallen in to inlet openings or inlet grates shall be removed at the Contractors expense.

At all permanent limits of reclamation, a clean vertical face shall be established prior to paving. No vertical faces, transverse or longitudinal, shall be left exposed to traffic. If any vertical face is formed in an area exposed to traffic a temporary paved transition will be established.

**Method of Measurement:**

This work will be measured for payment by the number of square yards of area from which the pulverizing/reclamation of asphalt have been completed and the work accepted. No area deductions will be made for minor unground/reclaimed areas such as catch basin inlets, manholes, utility boxes and any similar structures.

**Basis of Payment:**

This work will be paid for at the contract unit price per square yard for "Reclamation of Bituminous Concrete". This price shall include all equipment, tools, labor and materials incidental thereto.

No additional payments will be made for multiple passes with the reclamation machine to reclaim the bituminous surface.

Contractor shall be responsible for repairing or replacing any manhole covers, rings, gates, valve covers, risers or other underground utility structures damaged or destroyed by the Contractor that were marked out or clearly visible at the surface prior to grinding.

## **BITUMINOUS CONCRETE IN PLACE SPECIFICATIONS**

### **Description:**

This item shall consist of providing and installing bituminous concrete pavement in place on the roadway. All work performed under this item shall be in accordance with the State of Connecticut Department of Transportation "Standard Specifications for Roads, Bridges and Incidental Construction", Form 817 as amended. It is expressly stated that the specific references to the Form 817 is for the technical requirements stated therein and that this project is not an 817 project nor are all of the other terms of the Form 817 applicable.

Mobilization and demobilization, tack coat, construction survey and in place density testing shall be included in the unit price bid and shall not be considered or paid as a separate item

The area is to be repaved within five days after the reclamation is complete. All contact surfaces of curbing, manholes, etc. shall have a thin uniform coat of tack coat applied at a rate of 20 square yards per gallon prior to paving.

The unit price bids shall be for Class 2 bituminous concrete delivered and complete in place to the satisfaction of the Director of Public Works or Town Engineer. Asphalt escalation costs shall be included in the unit price bid and shall not be considered or paid as a separate item.

The estimated quantity of bituminous concrete for the entire project is 350 tons +/-.

The quantity shown above is to be considered as approximate only. The town reserves the right to increase or decrease the amount of the work as may be deemed necessary or permitted due to budgetary restrictions.

Bidder must be able to meet the following equipment specifications:

**Paving Equipment:**

Paving equipment shall be of the self-powered type with an adapter to provide guidance of the screeding action. The screed or strike off member shall be adjustable to the shape of the screeding action. The screed or strike off member shall be adjustable to the shape of the cross section of the finished pavement. Some method shall be provided for the tilting of the screed while in operation to secure the proper “drag” and to provide for compressive screeded surface requirements. The machine shall have a sufficient number of driving wheels so there will be no undue amount of slippage. Whenever the design of the equipment and plan of operation are such that the driving wheels travel on the finished surface of a completed pavement, said wheels shall be equipped with rubber tires or other means to protect the finished surface. Screeding members shall be preheated and means shall be provided for heating and screeding members by some method that will prevent accumulation of bituminous material. Extendable paver screeds must be of the vibratory type when used.

**Compaction:**

After placing, each course shall be thoroughly compacted to a minimum of 92% and maximum of 97% of density as determined by AASHTOT209 (modified).

**Testing:**

Contractor shall provide an independent material testing company equipped with a calibrated nuclear density gauge to obtain at least six (6) satisfactory compaction tests per lift.

**Non-Vibratory Rollers:**

In general, rolling shall consist of breakdown rolling and finish rolling. Rolling shall be performed with at least two (2) power-driven steel-wheel tandem or 3-wheel rollers weighing not less than 10 tons for each single-lane paver.

All non-vibratory rollers shall travel at a speed no greater than 5 mph (400 fpm).

**Vibratory Rollers:**

The Contractor may include a vibratory roller in the compaction train providing the vibratory roller is operated in accordance with the manufacturer’s recommendations. The vibratory roller shall be of a self-propelled type specifically designed for the compaction of bituminous concrete.

Vibratory rollers shall be equipped with a speed control device which shall be set by the Contractor to prevent the roller from traveling in excess of 2.5 mph or 220 fpm when the roller is operating in a vibratory mode, and 5 mph or 44fpm when the roller is operating in the static mode. All vibratory rollers shall be shut off from the vibrating mode when reversing directions. All vibratory rollers shall be equipped with automatic reversing eccentrics (weights).

The course shall be finish-rolled with steel-wheel tandem roller having a minimum weight of 10 tons.

Dual vibrating drum rollers meeting the requirements of a steel wheel tandem roller and operating in the static mode may be used as the finish roller; however, this single vibratory roller shall not be used as both breakdown roller and finish roller.

A minimum of one vibratory roller and one steel-wheel tandem roller shall be provided for each single lane paver. The Engineer must approve the type(s) of rollers and number.

The Contractor assumes full responsibility for the cost of repairing all damages, which may occur to roadway components and adjacent property. If the engineer determines that the compaction obtained is less than specified, or damage to highway components and/or adjacent property occurs with the use of the vibratory compaction equipment, the Contractor at no additional expense shall immediately cease using the equipment and shall proceed with the work in accordance with the conventional compaction procedure outlined in the specifications.

All work shall be to the satisfaction of the Director of Public Works or Town Engineer. Work performed that is not done to the satisfaction of the Town shall be rectified to satisfaction of Town of Watertown at no additional expense to the Town.

The contractor shall remove at his cost any and all piles of debris, soil, stone or bituminous waste created on the construction site during the pavement reclamation or the installation of the newly paved areas. The Town should not have to clean up or level any areas disturbed by the contractor in order to backfill the curbing or to fill and overseed along the newly installed driveway or paved areas.

**Method of Measurement:**

The quantity of bituminous concrete mixture measured for payment will be determined by the documented net weight in tons subject to theoretical yield computations as described in the Form 817, complete and accepted in place.

**Basis of Payment:**

Furnishing and placing of bituminous concrete shall be paid for at the contract unit price per ton for Bituminous Concrete, Class “ “. This payment shall include all labor, tools, equipment, materials, tack coat, in place testing incidental thereto.



## **MAINTENANCE AND PROTECTION OF TRAFFIC SPECIFICATIONS**

### **Description:**

The item for “Maintenance and Protection of Traffic” shall include all labor, equipment and materials required in accordance with the Form 817, except that this item shall also include the cost of signs, barricades, drums, lights, delineators, traffic cones and furnishing and placing of materials such as borrow, gravel, crushed stone, bituminous concrete for patching and pipe. Contractor is solely responsible for work zone safety and shall provide, at a minimum, the work zone signage attached. Roadway shall be kept open to at least one-way traffic to access residences within the project area at all times, and shall be opened to two way traffic at the completion of the work day. A detour may be arranged with prior approval of the Town. Contractor to work with adjacent property owners to provide access to individual homes to the greatest extent practicable. Work zone cone, barricade and signage patterns shall be based upon the posted speed limit of 25 miles per hour and the attached plates.

### **Method of Measurement**

This work will not be measured for payment.

### **Basis of Payment**

This work will be paid for at the contract lump sum price for “Maintenance and Protection of Traffic” in accordance with Article 9.71 of the Form 817, except that this item will also include all costs for signs, barricades, drums, traffic cones, lights, delineators and the cost of furnishing and placing of materials such as borrow, gravel, crushed stone, bituminous concrete for patching, pipes and temporary repairs or to maintain safe and efficient vehicular and pedestrian traffic.

PLEASE

IT IS A REQUIREMENT OF  
THIS BID THAT EACH  
PROPOSAL SUBMITTED  
MUST HAVE A DUPLICATE  
COPY ATTACHED.

YOUR COOPERATION IS  
APPRECIATED

**TOWN OF WATERTOWN  
WATERTOWN, CONNECTICUT 06795**

**BID PROPOSAL**

**Quassapaug Road Roadway Reconstruction  
Watertown Public Works Department**

**BID OPENING: 11:00 a.m., Tuesday, September 27, 2016**

TO: *Jason Warner, Purchasing Agent  
Town of Watertown  
Town Hall Annex  
424 Main Street  
Watertown, CT 06795*

The undersigned, as bidder, agrees to furnish all labor, equipment and materials as specified and declares that no person or persons, other than those named herein, are interested in this Proposal; that this Proposal is made without collusion with any person, firm, or corporation; that he has carefully examined the location of the proposed work herein referred to; that no person or persons acting in any official capacity for the Town is directly or indirectly interested therein or in any portion of the profit thereof; and that he proposes and agrees, if this Proposal is accepted, to provide all necessary equipment, tools, labor and deliver and to do all work and furnish all materials specified in the manner and time therein prescribed, and according to the requirements of the Town as therein set forth, and that he will take in full payment therefor, the following unit prices and lump sums, to wit:

FIRM \_\_\_\_\_

Name

\_\_\_\_\_

Street

\_\_\_\_\_

City

State

Zip Code

NAME \_\_\_\_\_

Please Print

TELEPHONE NUMBER \_\_\_\_\_

FAX NUMBER \_\_\_\_\_

EMAIL ADDRESS \_\_\_\_\_

SIGNED \_\_\_\_\_ DATE \_\_\_\_\_

## PROPOSAL

The following items shall be provided in accordance with the State of Connecticut Department of Transportation "Standard Specifications for Roads, Bridges and Incidental Construction", Form 817, as amended.

<u>Description/Unit Price</u>	<u>Estimated Quantities</u>	<u>Computed Totals</u>
<b>Item # 1 - Bituminous Concrete – Class 2</b>		
The unit price of _____ Dollars		
and _____ Cents		
(\$ _____ ) per ton.	345 Tons	\$ _____

<b>Item # 2 – Reclamation of Bituminous Concrete</b>		
The unit price of _____ Dollars		
and _____ Cents		
(\$ _____ ) per square yard.	1,500 SY	\$ _____

<b>Item # 3 - Maintenance and Protection of Traffic</b>		
The lump sum price of _____ Dollars		
and _____ Cents		
(\$ _____ ) per lump sum (LS)	1 LS	\$ _____

**Computed Total:** \$ \_\_\_\_\_

Payment Terms \_\_\_\_\_

Start Date \_\_\_\_\_ Completion Date \_\_\_\_\_

Have you taken any exceptions or have you deviated from our printed specification and if so, are such suggested changes clearly noted on the page provided for exceptions to specifications?

\_\_\_\_\_ yes

       no

**EXCEPTIONS TAKEN TO SPECIFICATIONS:**

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. There are no margins, text, or other markings on the paper.

## RECEIPT OF ADDENDA

**ADDENDUM #**

**SIGNATURE**

**DATE**

- |    |       |                |
|----|-------|----------------|
| 1. | _____ | ____/____/____ |
| 2. | _____ | ____/____/____ |
| 3. | _____ | ____/____/____ |
| 4. | _____ | ____/____/____ |

NAME OF BIDDER: \_\_\_\_\_

OFFICIAL ADDRESS: \_\_\_\_\_

PHONE NUMBER: \_\_\_\_\_

BY: \_\_\_\_\_ TITLE: \_\_\_\_\_  
(Please Print)

DATE: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## PROPOSED SUBCONTRACTORS

FIRM \_\_\_\_\_  
Name \_\_\_\_\_  
Street \_\_\_\_\_  
City State Zip Code

CONTACT \_\_\_\_\_ TELEPHONE \_\_\_\_\_

Please Print

TYPE OF WORK TO BE PERFORMED \_\_\_\_\_

.....

FIRM \_\_\_\_\_  
Name \_\_\_\_\_  
Street \_\_\_\_\_  
City State Zip Code

CONTACT \_\_\_\_\_ TELEPHONE \_\_\_\_\_

Please Print

TYPE OF WORK TO BE PERFORMED \_\_\_\_\_

.....

FIRM \_\_\_\_\_  
Name \_\_\_\_\_  
Street \_\_\_\_\_  
City State Zip Code

CONTACT \_\_\_\_\_ TELEPHONE \_\_\_\_\_

Please Print

TYPE OF WORK TO BE PERFORMED \_\_\_\_\_

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### REFERENCES

**Please list a minimum of three references of similar work performed within the last three years.**

FIRM \_\_\_\_\_  
Name \_\_\_\_\_  
Street \_\_\_\_\_  
City State Zip Code

CONTACT \_\_\_\_\_ TELEPHONE \_\_\_\_\_

Please Print

TYPE OF WORK TO BE PERFORMED \_\_\_\_\_

.....

FIRM \_\_\_\_\_  
Name \_\_\_\_\_  
Street \_\_\_\_\_  
City State Zip Code

CONTACT \_\_\_\_\_ TELEPHONE \_\_\_\_\_

Please Print

TYPE OF WORK TO BE PERFORMED \_\_\_\_\_

.....

FIRM \_\_\_\_\_  
Name \_\_\_\_\_  
Street \_\_\_\_\_  
City State Zip Code

CONTACT \_\_\_\_\_ TELEPHONE \_\_\_\_\_

Please Print

TYPE OF WORK TO BE PERFORMED \_\_\_\_\_

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